Met Office

# Summer 2016

**The following represents an assessment of the weather experienced across the UK during Summer 2016 (June, July and August) and how it compares with the 1981 to 2010 average.**

Summer 2016 began with a very cloudy and wet June over most of England and Wales, but under cloudy skies the night-time minima were often high. July and the first half of August were characterized by a changeable westerly Atlantic flow with a succession of fronts crossing the UK, although rainfall amounts were often small in the south. There was a short but marked heat-wave in the third week of July. The second half of August was more settled, and hot at times, particularly in East Anglia and the south-east.

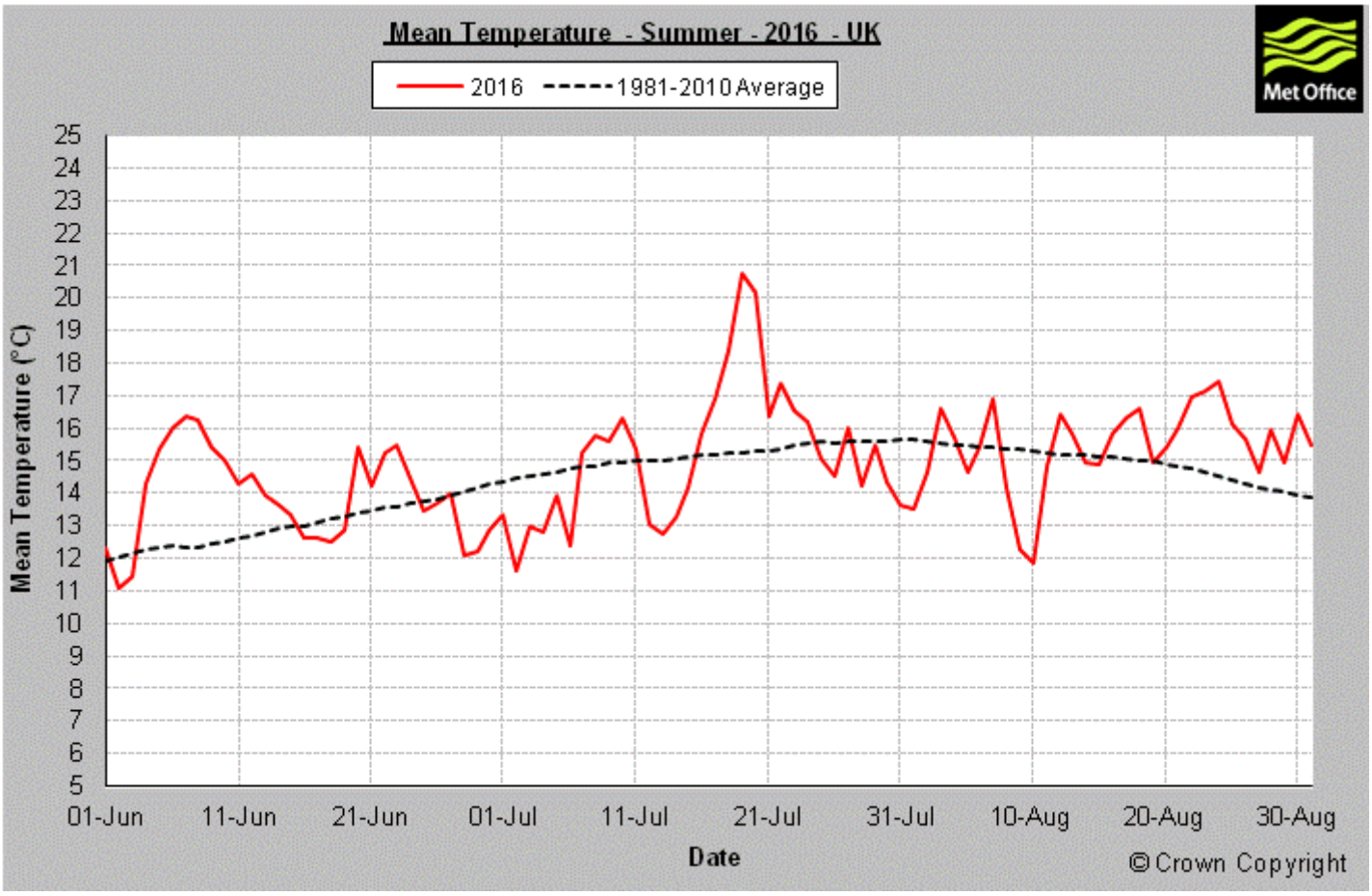
The mean temperature for the summer was 14.9 °C, which is 0.6 °C above the long-term average. It was the second warmest summer, after 2013, since 2006, but the positive anomaly was larger by night than by day. June was 0.9 °C warmer than average, July was 0.2 °C above, and August was 0.6 °C above. June's mean minimum temperature was the second highest in a series from 1910.

Summer rainfall totals were above average for most areas, with the exception of southern England. June was exceptionally wet in East Anglia and the south-east with some areas having more than twice the normal rainfall, but it was slightly drier than average in northern and western Scotland. July and August were both drier than average in southern England, and July was exceptionally dry in some southern coastal counties. In contrast, July was wetter than average over Scotland and Northern Ireland, and August was wetter than average in parts of northern England and Scotland. The UK rainfall anomalies were: June (130%), July (101%) and August (96%).

Summer sunshine totals were slightly below average except in parts of eastern England. June was an exceptionally dull month in the south, and the equal-fifth dullest in the series. July was cloudier than average in the west, but slightly sunnier than average over much of eastern England. August had near or rather above average sunshine except in Northern Ireland and parts of western Scotland. Sunshine anomalies for the UK for each month were: June (81%), July (91%) and August (111%).

## UK statistical summary

| Mean Temperature | Rainfall | Sunshine |
|---|---|---|
| The mean value is 14.9 °C, which is 0.6 °C above the 1981-2010 average. | The total is 260 mm, which is 108% of the 1981-2010 average. | The total is 475 hours, which is 94% of the 1981-2010 average. |


Mean Temperature - Summer - 2016 - UK
2016
1981-2010 Average
Met Office
Mean Temperature (°C)
25
24
23
22
21
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
01-Jun
11-Jun
21-Jun
01-Jul
11-Jul
21-Jul
31-Jul
10-Aug
20-Aug
30-Aug
Date
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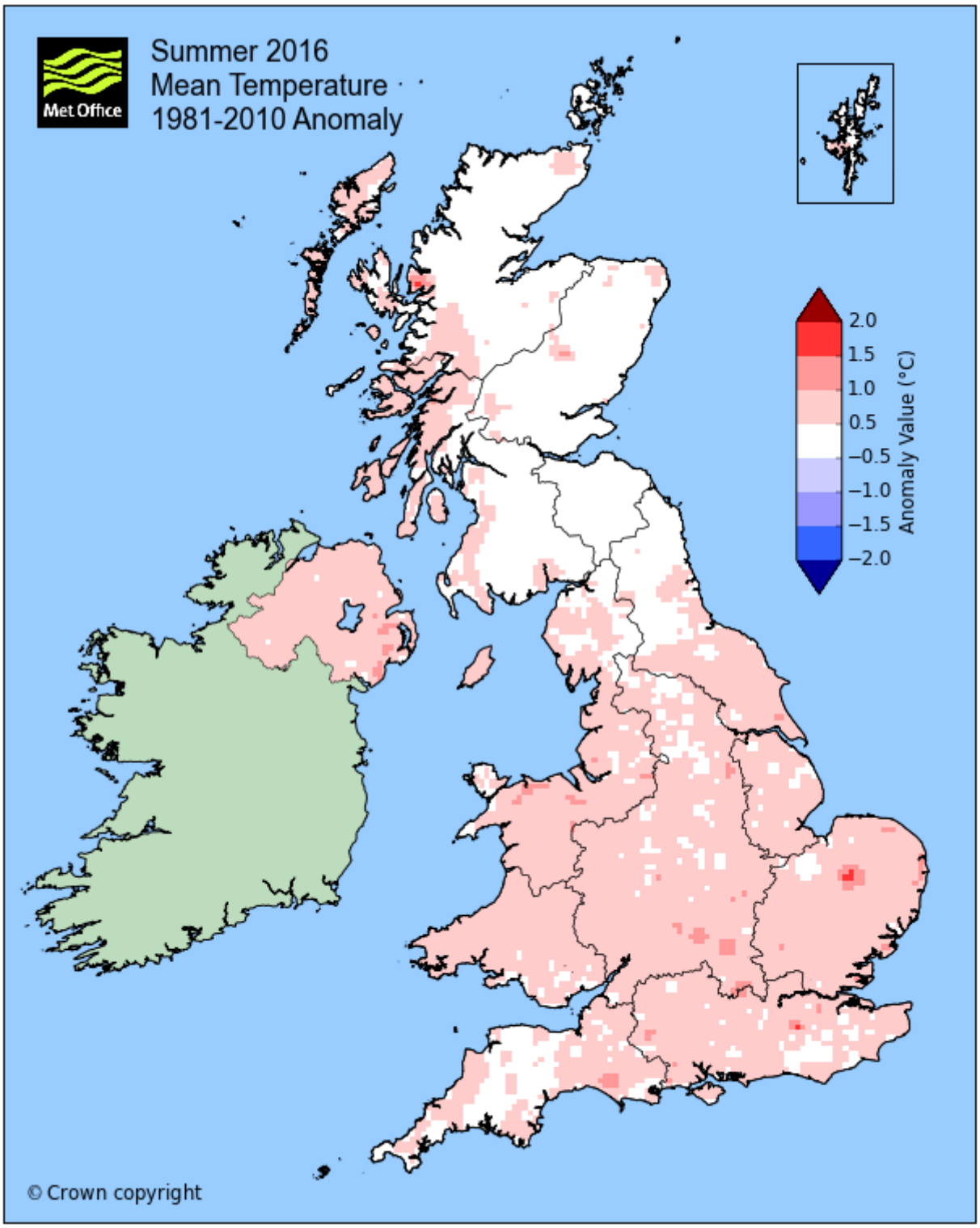
Met Office
Summer 2016
Mean Temperature
1981-2010 Anomaly
2.0
1.5
1.0
0.5
−0.5
−1.0
−1.5
−2.0
Anomaly Value (°C)
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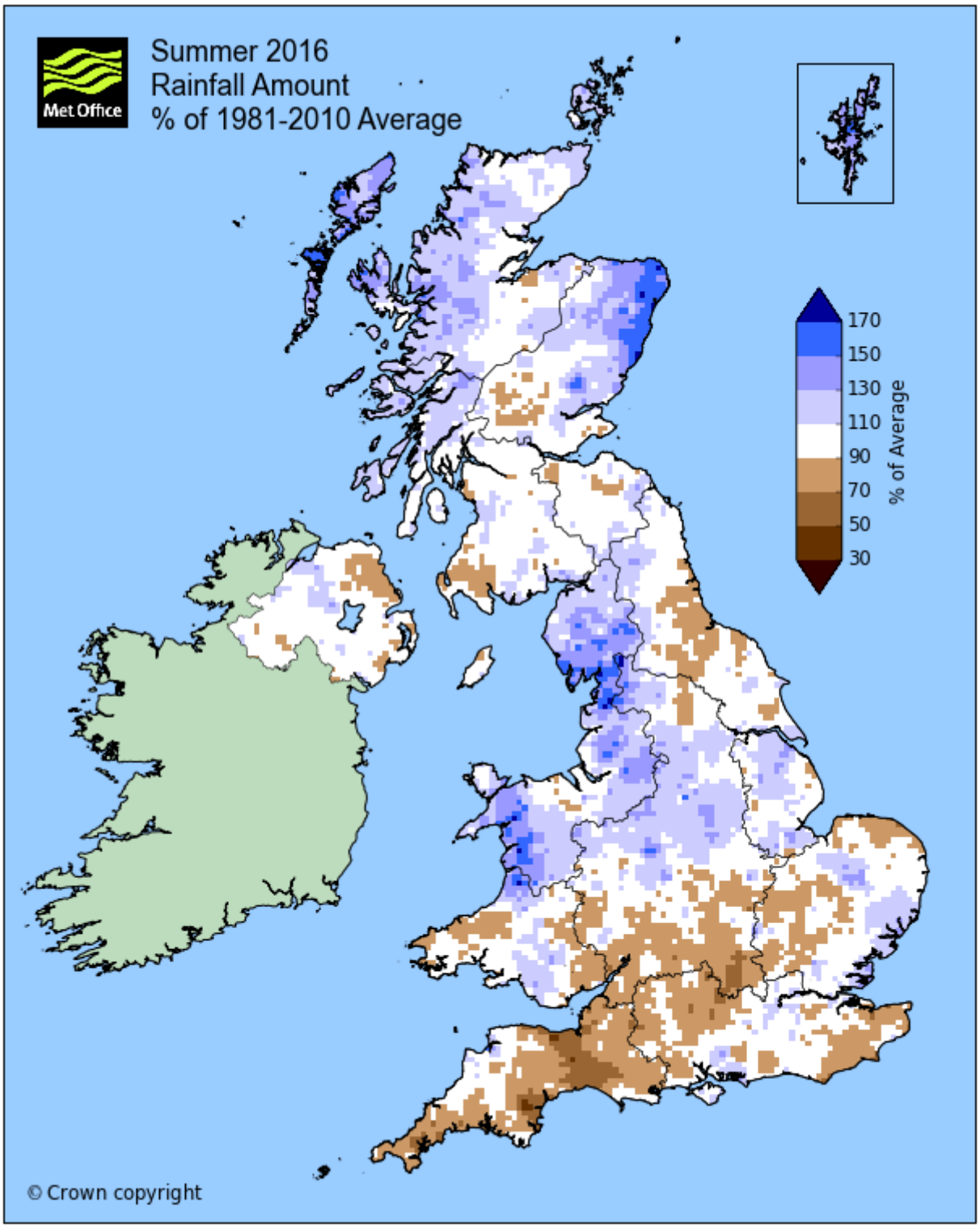
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Summer 2016
Rainfall Amount
% of 1981-2010 Average
170
150
130
110
90
70
50
30
% of Average
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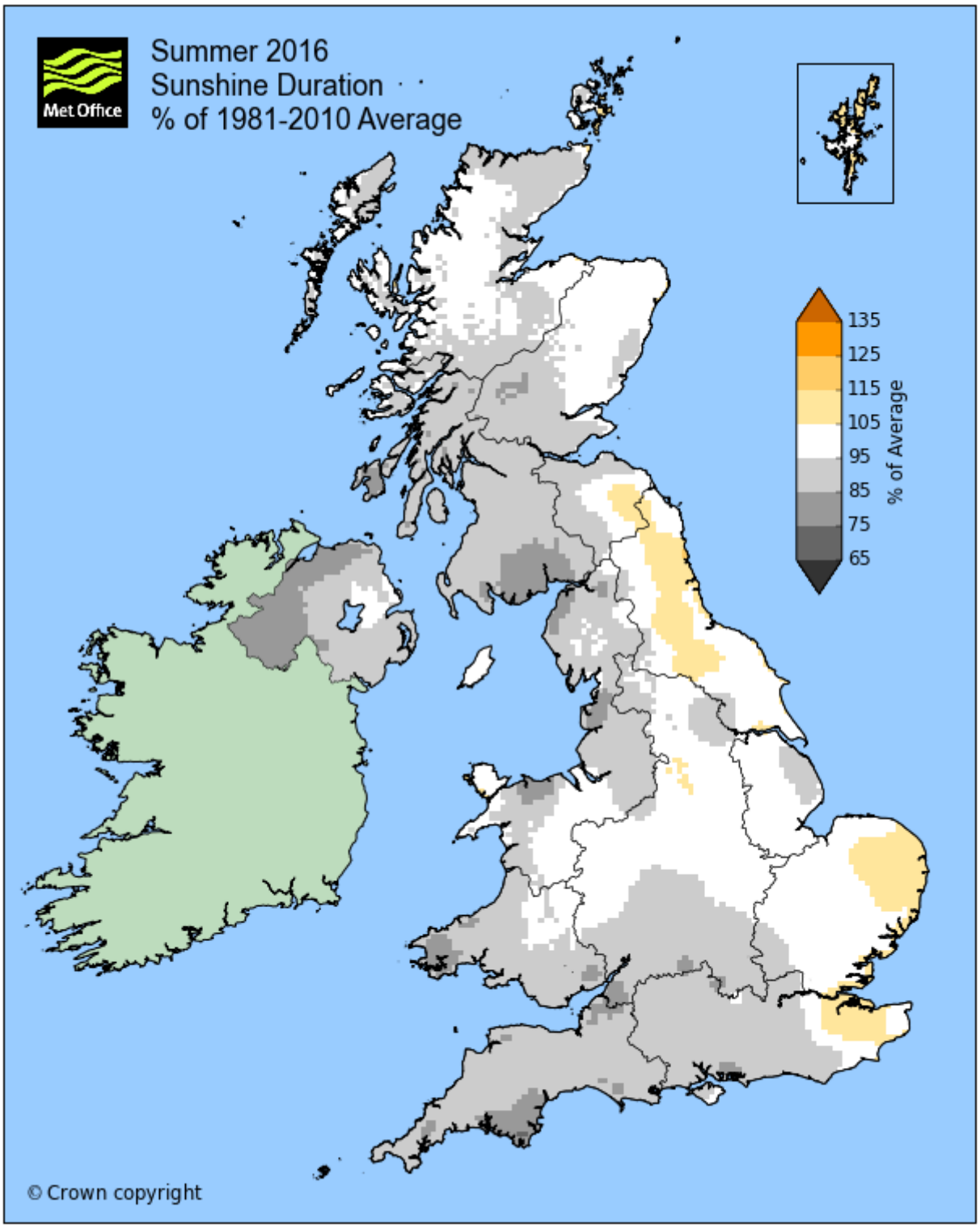


Last updated: 5 September 2016

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